

**Amendments to the Claims:**

This listing of claims will replace all prior versions and listings of claims in the application:

1. **(currently amended)** A dental tray adapted to receive a dental impression material thereon, comprising:
  - a base having a plurality of prongs, the base having one or more openings to allow flowing of the dental impression material;
  - a first wall extending from one side of the base, the first wall having one or more openings to allow flowing of the dental impression material; and at least one ~~detachable~~ tearable portion formed on one end of one prong, the ~~detachable~~ tearable portion being removable to shorten the prong length.
2. **(original)** The dental tray of claim 1, wherein the detachable portion comprises curved corners.
3. **(original)** The dental tray of claim 1, wherein the first wall comprises a curved edge.
4. **(original)** The dental tray of claim 1, wherein the first wall has a fixed wall length.
5. **(currently amended)** The dental tray of claim 1, wherein the first wall has an adjustable ~~variable~~ wall length.
6. **(currently amended)** The dental tray of claim 1, wherein the ~~first wall~~ number of openings are adjustable ~~have variable lengths~~.
7. **(original)** The dental tray of claim 1, further comprising a second wall extending from the other side of the base, the second wall having openings there through.

8. **(currently amended)** The dental tray of claim 7, wherein the second wall has an adjustable variable wall length ~~and the second wall openings have variable lengths.~~
9. **(original)** The dental tray of claim 1, further comprising a containing a radiopaque material.
10. **(original)** The dental tray of claim 1, further comprising an arcuate portion interconnecting the plurality of prongs.
11. **(original)** The dental tray of claim 10, wherein the arcuate portion comprises one or more openings.
12. **(original)** The dental tray of claim 1, wherein the tray is adapted to be positioned in a radiographic scanner.
13. **(currently amended)** A system to capture upper and lower dental impressions of a patient, comprising:  
an upper dental tray adapted to receive a dental impression material thereon, including:  
a base having a plurality of prongs, the base having one or more openings to allow flowing of the dental impression material;  
first and second walls extending from both sides of the base, the walls having one or more openings to allow flowing of the dental impression material;  
a lower dental tray adapted to receive a dental impression material thereon, including:  
a lower base having a plurality of prongs, the lower base having one or more openings to allow flowing of the dental impression material;  
a lower wall extending from one side of the base, the lower wall having one or more openings to allow flowing of the dental impression material;

an arcuate portion interconnecting the plurality of lower prongs; and at least one ~~detachable~~ tearable portion formed on at least one end of one prong, the ~~detachable~~ tearable portion being removable to shorten the prong length.

14. **(original)** The system of claim 13, wherein the base and walls contain a radiopaque material.

15. **(original)** The system of claim 13, wherein at least one wall has a fixed wall length.

16. **(currently amended)** The system of claim 13, wherein at least one wall has an adjustable ~~variable~~ wall length.

17. **(currently amended)** The system of claim 13, wherein the number of openings are adjustable ~~variable in length~~.

18. **(original)** A dental impression system, comprising:

a dental tray containing a radiopaque material adapted to receive a dental impression material thereon, including:

a base having a plurality of prongs, the base having one or more openings to allow flowing of the dental impression material;

a wall extending from one side of the base, the wall having one or more openings to allow flowing of the dental impression material; and

a container to house the radiographic tray, the container and the dental tray being adapted to be scanned by a radiographic scanner.

19. **(original)** The system of claim 18, wherein the radiographic scanner comprises  
a radiation source;  
a scintillator to receive the radiation from the radiation source;  
a radiation detector coupled to the scintillator; and

a rotatable table positioned between the radiation source and the scintillator, the table being adapted to support the container.

20. **(currently amended)** The system of claim 18, further comprising a computer coupled to the radiation detector to generate ~~the~~ a digital model with scanned data.

21. **(original)** The system of claim 18, further comprising an impression material having a radiopaque material.

22. **(original)** The system of claim 21, wherein the radiopaque material is incorporated into the dental impression material for full arch, dual arch, single arch, partial arch, or bite relationship capture.

23. **(original)** The system of claim 21, wherein the dental impression includes one of the following: polyvinylsiloxane (PVS), alginate, polysulfide, acrylic, hydrocolloid, polyether and bite registration paste.

24. **(original)** The system of claim 21, wherein the radiopaque material comprises a spray, a dip, or a powder layer used to coat surface of the impression material in order to make the surface more visible to the scanner after the impression has been captured.